EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20070060483".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/12 15:19
L2	1024	"KONISHI, SHOZABURO".in. or "KANO, MAKOTO".in. or "UENO, TAKAFUMI".in. or "ISHIKAWA, TAKAO".in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/05/12 15:20
L3	1203	L2 or ("NI PPON OIL CORPORATION" or "NI SSAN MOTOR CO.").as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/05/12 15:21
L4	89	L3 and ("diamond-like carbon" or "diamond like carbon" or "diamond-like coat" or "diamond-like coat" or "diamond-like coating" or "diamond like coating" or DLC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2010/05/12 15:22
L5	1333	508/167,433,109,154,179.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/12 15:23
L6	4051	428/408.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/12 15:23
L7	5372	L5 or L6	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/12 15:24
L8	174	L7 and ("diamond-like carbon" or "diamond like carbon" or "diamond- like coat" or "diamond like coat" or "diamond-like coating" or "diamond like coating" or DLC) and ((base adj oil) or lubrica\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/12 15:28
L9	76	L8 and (molybdenum or mo)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/12 15:28
L10	9	L9 and salicylates	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/12 15:29
L11	9	("20020086803" "20030162672" "20040092405" "20050241216" "20050272616" "5282990" "6333298" "6508416" "6543394"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/12 15:30

L12	493	"20020057855"(US-PGPUB)	US-PGPUB;	OR	ON	2010/05/12
		"20020060982"(US-PGPUB)	USPAT; USOCR			15:31
		"20020174741"(US-PGPUB)			***************************************	
		"20030099416"(US-PGPUB)				
		"20040146667" (US-PGPUB)				
		"20040164502"(US-PGPUB)			***************************************	
		"20050062470"(US-PGPUB)				
		"20050141797"(US-PGPUB)				
		"20050229851"(US-PGPUB)				
		"20050280413"(US-PGPUB)				
		"20060095060"(US-PGPUB)				
		"20060158181"(US-PGPUB)				
		"20070060483"(US-PGPUB)				
		"20070090741"(US-PGPUB)			1	
		"20080146468"(US-PGPUB)			1	
		"20080190284"(US-PGPUB)			1	
		"5462784"(USPAT)			2	
		"5482602"(USPAT)			****	
		"5637373"(USPAT)			1	
		"5672054"(USPAT)			1	
		"5674638"(USPAT)			2	
		"5734530"(USPAT)				
		"5762110"(USPAT)			•	
		"5837357"(USPAT)				
		"5922415"(USPAT)				
		"5947710"(USPAT)				
		"5989672"(USPAT)			1	
		"6001479"(USPAT)				
		"6122148"(USPAT)				
		"6165582"(USPAT)			3	
		"6177754"(USPAT)				
		"6194047"(USPAT)				
		"6221108"(USPAT)				
		"6221108"(USPAT)			1	
		"6238197"(USPAT)			2	
		"6328856"(USPAT)			2	
		"6335080"(USPAT)			1	
		"6373659"(USPAT)				
		"6391419"(USPAT)			1	
		"6461726"(USPAT)			2	
		"6499881"(USPAT)			1	
		"6529347"(USPAT)			1	
		"6613459"(USPAT)			****	
		"6615689"(USPAT)			2	
		"6923451"(USPAT)			****	
		"6954065"(USPAT)			1	
		"6994474"(USPAT)			***	
		"7012425"(USPAT)			***	
		"7078895"(USPAT)			-	
		"7172343"(USPAT)			1	
3	: \$			§	:	3

L13	35	("diamond-like carbon" or "diamond like carbon" or "diamond-like coat" or "diamond like coat" or "diamond like coating" or "diamond like coating" or DLC or "diamond type" or "diamond-type" or "diamond-type" or (amorphous near carbon)) and (hydrocracked or hydrotreated or hydroisomerised or hydroisomerized or tropsch or "gas to liquid" or GTL or polyalphaolefin or poly-alpha-olefin or PAO) same4 (lubrica\$5 or oil or fluid) and @ad<"20030806"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/12 15:33
L14	66	("diamond-like carbon" or "diamond like carbon" or "diamond-like coat" or "diamond like coat" or "diamond-like coating" or "diamond like coating" or DLC) and (GTL or "gas to liquid" or "Fischer-Tropsch" or fischer adj tropsch).bi.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/12 15:34
L15	4	("Fischer-Tropsch" or fischer adj tropsch) and engine and viscosity near "100" and friction near (modifier or additive) and salicylate and phosph\$5 near (anti adj wear or anti-wear or wear)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/12 15:35
L16	27	("Fischer-Tropsch" or fischer adj tropsch) and engine and coefficient near friction and detergent and friction same2 amine.bi. and @ad<"20030806"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/12 15:35
L17	55	"internal combustion engine" and ("Fischer-Tropsch" or fischer adj tropsch or GTL or "gas to liquid") and friction same "aliphatic amine" and detergent.bi.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/12 15:36
L18	132	("Fischer-Tropsch" or fischer adj tropsch) and engine and coefficient near friction and detergent and friction same2 amine.bi.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/12 15:37
L19	143	("Fischer-Tropsch" or fischer adj tropsch) same aromatic near content and (sulfur or sulphur) near content. bi.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/12 15:38
L20	172	("Fischer-Tropsch" or fischer adj tropsch) and engine and coefficient near friction.bi.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/12 15:38

EAST Search History (Interference)

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